

Claims

1. Hand-held sprayer (1) with an at least partially hollow shaft section (2), a liquid dispensing section (3), and a hollow connecting plug element (4) for connecting a hose extension (6) to the hand-held sprayer (1), which is arranged within shaft section (2) and can be fastened by a fastening element (10) plugable through at least one opening (11) from the outside into the shaft section (2), characterized by the fact that the connecting plug element (4) has a groove (9) running circumferentially around its outer periphery in which the fastening element (10) engages when the connecting plug element (4) is fastened to the shaft section (2).
2. Hand-held sprayer according to Claim 1, characterized by the fact that the connecting plug element (4) has a first mounting extension (5) for connecting the hose extension (6) with the connecting plug element (4) and a second mounting extension (7) for connecting the connecting plug element (4) with the shaft section (2).
3. Hand-held sprayer according to Claim 2, characterized by the fact that the first mounting extension is a tube extension (5) that has a reduced diameter relative to the connecting plug element (4) and being mountable to the hose extension (6).
4. Hand-held sprayer according to Claim 2 or 3, characterized by the fact that the second mounting extension (7) has essentially the shape of a hollow tube that can be mounted to a third mounting extension (8) in shaft section (2), preferably formed in one piece with the shaft section (2).
5. Hand-held sprayer according to one of Claims 2 to 4, characterized by at least one seal between the hose extension (6) and the first mounting extension (5) and/or between the second mounting extension (7) and the third mounting extension (8).
6. Hand-held sprayer according to Claim 5, characterized by the fact that each seal is a radially-acting O-ring.
7. Hand-held sprayer according to one of the preceding claims, characterized by the fact that the hose extension (6) is securely fastened to the connecting plug element (4) by a securing element, like a hose clamp.

8. Hand-held sprayer according to one of the preceding claims, characterized by the fact that the fastening element (10) assumes essentially a U-shape with two arms of the U-shape engaging in the groove (9) of the connecting plug element (4) on opposite sides.
9. Hand-held sprayer according to one of the preceding claims, characterized by the fact that fastening element (10) is a spring steel insert.
10. Hand-held sprayer according to one of the preceding claims arranged on or in a cooking appliance.